



AMENDMENTS TO THE CLAIMS

(Previously Presented) A method, comprising:

receiving input text at a client device;

analyzing the input text to determine diphones;

sending a request to a server for diphone waveform data based on the determined diphones;

locating the requested diphone waveform data by searching a concatenative diphone waveform database at the server;

generating a set of compressed diphone residuals and Linear Predictive Coding (LPC) coefficients by compressing results of the searched diphone waveform database;

storing the set of compressed diphone residuals and the LPC coefficients in a compressed packet;

transmitting the compressed packet to the client device; and

upon receiving the compressed packet, the client device decompresses the compressed packet back to diphone waveform data available for use in a text-to-speech synthesizer.

2. (Previously Presented) The method of claim 1, wherein the generating of the set of compressed diphone residuals is performed using an encoder.
3. (Previously Presented) The method of claim 1, further comprising receiving the request from the text-to-speech synthesizer, the text-to-speech synthesizer residing at the client device.
4. (Previously Presented) The method of claim 1, further comprising providing pitch marks to the text-to-speech synthesizer.

5. (Previously Presented) The method of claim 2, wherein the encoder comprises a G.723 encoder.
6. (Previously Presented) A system comprising:
 - a sever;
 - a client device coupled the sever, the client device to receive input text,
 - analyze the input text to determine diphones, and
 - send a request to he server for diphone waveform data based on the determined diphones;
 - the server to locate diphone waveform data by searching a concatenative diphone waveform database,
 - generate a set of compressed diphone residuals and Linear Predictive Coding (LPC) coefficients by compressed diphone residuals and the LPC coefficients in a compressed packet, and
 - transmit the compressed packet to the client device; and
 - the client device to decompress the compressed packet back to diphone waveform data available for use in a text-to-speech synthesizer.
7. (Previously Presented) The system of claim 6, wherein the server is further to generate the set of compressed diphone residuals using an encoder, the encoder including a G.723 encoder.
8. (Previously Presented) The system of claim 6, wherein the server is further to provide pitch marks to the text-to-speech synthesizer at the client device.

9. (Previously Presented) The system of claim 8, wherein the text-to-speech synthesizer at the client is further to receive pitch marks.
10. (Previously Presented) The system of claim 6, wherein the client device comprises a handheld device including one or more of the following: a telephone, a pocket computer system, and a personal digital assistant (PDA).
11. (Previously Presented) A machine-readable medium having stored thereon data comprising sets of instructions which, when executed by a machine, cause the machine to:
 - receive input text at a client device;
 - analyze the input text to determine diphones;
 - send a request to a server for diphone waveform data based on the determined diphones;
 - locate the requested diphone waveform data by searching a concatenative diphone waveform database at the server;
 - generate a set of compressed diphone residuals and Linear Predictive Coding (LPC) coefficients by compressing results of the searched diphone waveform database;
 - store the set of compressed diphone residuals and LPC coefficients in a compressed packet;
 - transmit the compressed packet to the client device; and
 - upon receiving the compressed packet, the client device decompresses the compressed packet back to diphone waveform data available for use in a text-to-speech synthesizer.

12. (Previously Presented) The machine-readable medium of claim 11, wherein the generating of the set of compressed diphone residuals is performed using an encoder.
13. (Previously Presented) The method of claim 11, wherein the sets of instructions which, when executed by the machine, further cause the machine to receive the request from the text-to-speech synthesizer, the text-to-speech synthesizer residing at the client device.
14. (Previously Presented) The machine-readable medium of claim 11, wherein the sets of instructions which, when executed by the machine, further cause the machine to provide pitch marks to the text-to-speech synthesizer.